**Making salts: making copper sulfate questions**

* Why is the acid warmed?

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* Why use an excess of copper(II) oxide?

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* Why is the mixture filtered after adding excess copper(II) oxide?

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* How can you decide when you have produced a hot, saturated solution of  copper(II) sulfate?

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* At what stage in the process are any (a) insoluble impurities and (b) soluble  impurities that may be present in the copper(II) oxide removed?

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* What is meant by the term ‘saturated solution’?

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* Why do crystals of copper(II) sulfate form when the hot, saturated solution is  cooled?

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* Why should the crystals of copper(II) sulfate not be dried by direct heating with a Bunsen flame?

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